

speaker apparatuses may be received (operation S1140). In detail, the sound volume adjusting manipulation may be received through a first UI of any one of the plurality of selected (or grouped) speaker apparatuses. The sound volume adjusting manipulation may be a scroll gesture on a touchscreen and may be number key manipulation, a touch gesture of a '+' or '-' icon, or the like.

[0182] In addition, a sound volume adjusting command corresponding to the input sound volume adjusting manipulation may be transmitted to the plurality of selected speaker apparatuses (operation S1150). In detail, when sound volume adjusting manipulation is received through a user interface window, a sound volume adjusting command corresponding to the sound volume adjusting manipulation may be transmitted a plurality of speaker apparatuses selected by the user. In this case, the sound volume adjusting command may be a value of sound volume to be output' or a 'value indicating adjustment degree'. For example, when a sound volume of a speaker may be displayed as a value of 1 to 100, a current sound volume of a specific speaker is 90, and a sound volume value adjusted by the user is 50, the sound volume adjusting command may be a command indicating that 'change the sound volume to 50' or 'apply -40 to the current sound volume'.

[0183] Accordingly, the sound volume controlling method according to the exemplary embodiment may easily adjust sound volumes of a plurality of speaker apparatuses to be adjusted, thereby enhancing user convenience. The volume controlling method illustrated in FIG. 11 may also be performed by a user terminal apparatus including components of FIG. 2 or 3 or may also be performed by a user terminal apparatus including other components.

[0184] In addition, at least one execution program (or application) for execution of the aforementioned sound volume controlling method may be embodied, and the execution program may be stored in a non-transitory computer readable medium, and be provided.

[0185] The non-transitory computer readable medium is a medium which does not store data temporarily such as a register, cash, and memory but stores data semi-permanently and is readable by devices. More specifically, the aforementioned applications or programs may be stored in the non-transitory computer readable media such as compact disks (CDs), digital video disks (DVDs), hard disks, Blu-ray disks, universal serial buses (USBs), memory cards, and read-only memory (ROM).

[0186] The foregoing exemplary embodiments and advantages are merely exemplary and are not to be construed as limiting. The present teaching can be readily applied to other types of apparatuses. Moreover, the description of the exemplary embodiments is intended to be illustrative, and not to limit the scope of the claims, and many alternatives, modifications, and variations will be apparent to those skilled in the art.

What is claimed is:

1. A sound volume outputting system comprising:

a plurality of speaker apparatuses; and

a user terminal apparatus configured to display a plurality of first user interface (UI) elements for adjusting respective sound volumes of the plurality of speaker apparatuses and a plurality of second UI elements for receiving a selection of a speaker apparatus of the plurality of speaker apparatuses, to group speaker apparatuses of the plurality of speaker apparatuses, the

grouped speaker apparatuses corresponding to selected UI elements from among the plurality of second UI elements, to receive sound volume adjusting input through one of the plurality of first UI elements corresponding to any one of the plurality of grouped speaker apparatuses, and to control to provide a sound volume adjusting command corresponding to the sound volume adjusting input to adjust a volume of the grouped speaker apparatuses.

2. The sound volume outputting system as claimed in claim 1, wherein each of the plurality of speaker apparatuses separately receives and outputs sound source content from an external server.

3. A user terminal apparatus comprising:

a touchscreen configured to display a plurality of first user interface (UI) elements for adjusting respective sound volumes of the plurality of speaker apparatuses and a plurality of second UI elements for receiving a selection of a speaker apparatus of the plurality of speaker apparatuses, to group speaker apparatuses of the plurality of speaker apparatuses, the grouped speaker apparatuses corresponding to selected UI elements from among the plurality of second UI elements, and to receive sound volume adjusting input through one of the plurality of first UI elements corresponding to any one of the plurality of grouped speaker apparatuses; and

a controller configured to change all first UI elements of the grouped speaker apparatuses based on the sound volume adjusting input.

4. The user terminal apparatus as claimed in claim 3, further comprising a communication interface configured to transmit a sound volume adjusting command corresponding to the sound volume adjusting input to the plurality of grouped speaker apparatuses based on the sound volume adjusting input.

5. The user terminal apparatus as claimed in claim 4, wherein:

the sound volume adjusting input is a mute input; and the controller controls the communication interface to transmit a mute command to the grouped speaker apparatuses.

6. The user terminal apparatus as claimed in claim 3, further comprising a sound volume adjusting button disposed on a lateral surface of the user terminal apparatus, wherein the controller controls the touchscreen to change all first UI elements of the grouped speaker apparatuses according to sound volume adjusting input through the sound volume adjusting button.

7. The user terminal apparatus as claimed in claim 3, wherein:

the plurality of first UI elements comprise bars and pointers moveable on the bars; and

the second UI element comprises a check box.

8. The user terminal apparatus as claimed in claim 3, wherein the touchscreen further displays a plurality of third UI elements for receiving selection of a mute command to mute each of the plurality of speaker apparatuses.

9. The user terminal apparatus as claimed in claim 3, wherein the touchscreen further displays a fourth UI element for displaying information of content that is currently being reproduced by the plurality of speaker apparatuses.

10. The user terminal apparatus as claimed in claim 3, further comprising a communication interface wirelessly